

What is claimed is,

1. A head support device comprising:

a read and/or write head for recording information on a recording medium and/or reproducing the information from the recording medium, the recording medium rotating around an axis of rotation of the recording medium;

a slider mounted with the head;

a support arm rotatable around a first axis, the first axis being parallel to the axis of rotation of the recording medium and located away from the axis of rotation of the recording medium;

a flexure for disposing the slider at a first end of the support arm;

a spring member for applying a specified thrust force to the head in a read position and/or writing position, the spring member having lower rigidity than the support arm; and

15 a base arm rotatable around the first axis together with support arm, the base arm being rotated by driving means and coupled to the support arm by the spring member,

wherein the support arm supports the slider at the first end thereof is pivotal around a second axis which is perpendicular to the first axis and 20 goes through a pivot fulcrum where the base arm and support arm contact each other, and

wherein the flexure is fixed to the support arm in the vicinity of the pivot fulcrum, and

25 the pivot fulcrum can be set on the top or bottom surface of the base arm, or can be placed between the surfaces in the thickness direction of the base arm.

2. The head support device according to claim 1, wherein the pivot fulcrum is disposed on a tip of the base arm of a side of the head.

3. The head support device according to claim 1, wherein the pivot
5 fulcrum is disposed on a tip edge of the base arm of the side of the head.

4. The head support device according to claim 1, wherein a center of mass of the support arm is located on the pivot fulcrum or in the vicinity of the pivot fulcrum.

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5. The head support device according to claim 1, wherein the base arm is provided with an aperture.

15 6 The head support device according to claim 5, wherein the apertures are provided in two places.

7. The head support device according to one of claim 5 and claim 6, wherein a portion of the support arm is disposed in a space of the aperture.

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8. The head support device according to claims 1, wherein the spring member is made of a resilient material.

9. The head support device according to claims 1, wherein the spring member is secured on the base arm.

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10. A disk drive comprising:

a recording medium;

a driving means to rotate the recording medium;

a read and/or write head for recording information on a recording medium and/or reproducing the information from the recording medium, the recording medium rotating around an axis of rotation of the recording
5 medium;

a support arm rotatable around a first axis, the first axis being parallel to the axis of rotation of the recording medium and located away from the axis of rotation of the recording medium;

a flexure for disposing the slider at a first end of the support arm;

10 a spring member for applying a specified thrust force to the head in a read position and/or writing position, the spring member having lower rigidity than the support arm; and

15 a base arm rotatable around the first axis together with support arm, the base arm being rotated by driving means and coupled to the support arm by the spring member,

wherein the support arm supports the slider at the first end thereof is pivotal around a second axis which is perpendicular to the first axis and goes through a pivot fulcrum where the base arm and support arm contact each other, and

20 wherein the flexure is fixed to the support arm in the vicinity of the pivot fulcrum, and;

the base arm is positioned in a place between the support arm and the recording medium.

25 11. The disk drive according to claim 10,

wherein the pivot fulcrum of the head support device is set on the top or bottom surface of the base arm, or is placed between the surfaces in the

thickness direction of the base arm.

12. The disk drive according to claim 10,

wherein an assembly is incorporated with the support arm and the

5 spring member on the recording medium side, and

head signal wirings from the head is disposed to the base arm side
through the support arm, the spring member and the assembly.